Applicant: LIN et al. Amendment and Response Serial No.: 10/589,920

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AMENDMENTS TO THE CLAIMS:

Please amend claims 1 and 121 as indicated below and cancel claim 36. This listing of claims replaces all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1. (Previously presented) A compound of Formula I:

or a pharmaceutically acceptable derivative salt, ester, enol ether, enol ester, solvate or hydrate thereof, wherein:

R₁ is selected from among Formula II, III, and IV:

$$R_{5}$$
 R_{6}
 R_{2}
 R_{10}
 R_{10}
 R_{10}
 R_{10}
 R_{10}
 R_{10}
 R_{11}
 R_{11}
 R_{11}
 R_{11}
 R_{11}
 R_{11}
 R_{11}

R₂ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, -CONR₁₄R₁₅, -OR₁₆, -COR₁₆, -SR₁₆, -SO₂NR₁₄R₁₅, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

R₃ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, -OR₁₆, -SR₁₆, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

R₄ is selected from among hydrogen, F, Cl, Br, CN, -OR₁₆, -SR₁₆, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl; or

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 R_2 and R_3 together form an optionally substituted 5-6 member ring and R_4 is selected from among hydrogen, F, Cl, Br, CN, -OR₁₆, -SR₁₆, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl; or

 R_3 and R_4 together form an optionally substituted 4-6 member ring and R_2 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, -CONR₁₄R₁₅, -OR₁₆, -SR₁₆, -SO₂NR₁₄R₁₅, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

R₅ is selected from among hydrogen, F, Cl, Br, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, -SR₁₆ and -OR₁₆;

R₆ is selected from among hydrogen, F, Cl, Br, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl;

 R_7 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, -CONR₁₄R₁₅, -SO₂NR₁₄R₁₅, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

 R_8 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, $-OR_{16}$, $-SR_{16}$, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

R₉ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, and an optionally substituted heteroalkyl; or

R₇ and R₈ together form an optionally substituted 5-6 member ring and R₉ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally

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substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, and an optionally substituted heteroalkyl; or

R₈ and R₉ together form an optionally substituted 4-6 member ring and R₇ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, -CONR₁₄R₁₅, and an optionally substituted aryl;

R₁₀ is selected from among hydrogen, F, Cl, Br, an optionally substituted alkyl, an optionally substituted alkenyl, and an optionally substituted alkynyl; and

R₁₁ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, hydroxyiminoalkyl, alkoxyiminoalkyl, aryloxyiminoalkyl, -CONR₁₄R₁₅, SO₂NR₁₄R₁₅, OR₁₆, -SR₁₆, -COR₁₆, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

 R_{12} is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, $-OR_{16}$, $-SR_{16}$, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

R₁₃ is selected from among hydrogen, F, Cl, Br, CN, CONR₁₄R₁₅, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, and an optionally substituted heteroalkyl; or

 R_{11} and R_{12} together form an optionally substituted 5-6 member ring and R_{13} is selected from among hydrogen, F, Cl, Br, CN, CONR₁₄R₁₅, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, and an optionally substituted heteroalkyl; or

R₁₂ and R₁₃ together form an optionally substituted 4-6 member ring and R₁₁ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, -CONR₁₄R₁₅, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

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 R_{14} and R_{15} are each independently selected from among hydrogen, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted alkynyl, an optionally substituted haloalkyl, an optionally substituted aryl, an optionally substituted heterocyclyl, an optionally substituted cycloalkyl and an optionally substituted heteroalkyl; or

R₁₄ and R₁₅ together form an optionally substituted 4-7 member ring;

R₁₆ is selected from among hydrogen, an optionally substituted alkyl, an optionally substituted alkenyl, an optionally substituted haloalkyl, an optionally substituted heteroalkyl, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted heterocyclyl and an optionally substituted cycloalkyl;

X is selected from among O, S, and NR₁₇; and

R₁₇ is selected from among hydrogen, an optionally substituted alkyl, an optionally substituted alkenyl and an optionally substituted alkynyl;

wherein the substituents on the alkyl, alkenyl, arkyl, aralkyl, aryl, heteroaryl, heterocyclyl, and cycloalkyl groups, when present, are each individually and independently selected from one to four group(s) selected from among: alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, non-aromatic heterocycle, hydroxy, alkoxy, alkoxyalkoxy, aryloxy, mercapto, alkylthio, arylthio, cyano, halo, carbonyl, imino, hydroxyimino, alkoxyimino, aryloxyimino, aralkoxyiminothiocarbonyl, O-carbamyl, N-carbamyl, O-thiocarbamyl, N-thiocarbamyl, C-amido, N-amido, S-sulfonamido, N-sulfonamido, C-carboxy, O-carboxy, isocyanato, thiocyanato, isothiocyanato, nitro, silyl, trihalomethanesulfonyl, heteroaryloxy, heteroaralkoxy, heterocyclyloxy, cycloalkoxy, perfluoroalkoxy, alkenyloxy, alkynyloxy, aralkoxy, alkyl-carbonyloxy, arylcarbonyloxy, aralkylcarbonyloxy, alkoxycarbonyloxy, aryloxycarbonyloxy, aralkoxycarbonyloxy, aminocarbonyloxy, alkylaminocarbonyloxy, dialkylaminocarbonyloxy, alkylarylaminocarbonyloxy, diarylaminocarbonyloxy and amino; including mono- and disubstituted amino groups, and the protected derivatives of amino groups;

wherein:

at least one position selected from among R₂, R₃, R₄, R₅, and R₆ is not hydrogen; at least one position selected from among R₇, R₈, R₉, and R₁₀ is not hydrogen; if R₄ is F, then at least one position selected from among R₂, R₃, R₅ and R₆ is not hydrogen;

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if R_3 is F, then at least one position selected from among R_2 , R_4 , R_5 , and R_6 is not hydrogen; and

if any two positions selected from among R₂, R₃, R₄, R₅, and R₆ are both F, then at least one of the other three positions selected from R₂, R₃, R₄, R₅, and R₆ is not hydrogen.

2. (Previously presented) The compound of claim 1, wherein R₂ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, an optionally substituted C₁-C₄ heteroalkyl, -CONR₁₄R₁₅, -OR₁₆, -SR₁₆, -SO₂NR₁₄R₁₅, and an optionally substituted aryl;

 R_3 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, -OR₁₆, -SR₁₆ and an optionally substituted aryl; and

 R_4 is selected from among hydrogen, F, Cl, Br, CN, -OR₁₆, a ring, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 heteroalkyl; or

 R_2 and R_3 together form an optionally substituted 5-6 member ring and R_4 is selected from among hydrogen, F, Cl, Br, CN, -OR₁₆, a ring, an optionally substituted C_1 -C₄ alkyl, an optionally substituted C_1 -C₄ haloalkyl, and an optionally substituted C_1 -C₄ heteroalkyl; or

 R_3 and R_4 together form an optionally substituted 4-6 member ring and R_2 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, -CONR₁₄R₁₅, -OR₁₆, -SR₁₆, -SO₂NR₁₄R₁₅, and an optionally substituted aryl;

 R_5 is selected from among hydrogen, F, Cl, Br, <u>an</u> optionally substituted C_1 - C_4 alkyl, and OCH_3 ;

R₆ is selected from hydrogen and F;

 R_7 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, - CONR₁₄R₁₅, and an optionally substituted aryl;

 R_8 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, - OR_{16} , a phenyl that is optionally substituted with hydrogen, a halogen, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl; and

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 R_9 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl; or

 R_7 and R_8 together form an optionally substituted 5-6 member ring and R_9 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl; or

 R_8 and R_9 together form an optionally substituted 4-6 member ring and R_7 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, -CONR₁₄R₁₅, and an optionally substituted aryl;

R₁₀ is selected from among hydrogen, F, Cl, CH₃, and OCH₃;

 R_{11} is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, - CONR₁₄R₁₅, and an optionally substituted aryl;

 R_{12} is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, - OR_{16} , a phenyl that is optionally substituted with hydrogen, a halogen, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl; and

 R_{13} is selected from among hydrogen, F, Cl, Br, CN, CONR₁₄R₁₅, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl; or

 R_{11} and R_{12} together form an optionally substituted 5-6 member ring and R_{13} is selected from among hydrogen, F, Cl, Br, CN, CONR₁₄R₁₅, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, and an optionally substituted C₁-C₄ heteroalkyl; or

 R_{12} and R_{13} together form an optionally substituted 4-6 member ring and R_{11} , is selected from among hydrogen, F, Cl, Br, CN, CONR₁₄R₁₅, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, an optionally substituted C₁-C₄ heteroalkyl, -CONR₁₄R₁₅, and an optionally substituted aryl;

 R_{14} and R_{15} are each independently selected from among hydrogen, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl; or

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R₁₄ and R₁₅ together form an optionally substituted 4-7 member ring;

 R_{16} is selected from among hydrogen, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, and an optionally substituted aryl;

X is selected from among O, S, and NR₁₇; and

 R_{17} is selected from among hydrogen and an optionally substituted C_1 - C_4 alkyl; and wherein:

at least one position selected from among R₂, R₃, R₄, R₅, and R₆ is not hydrogen; at least one position selected from among R₇, R₈, R₉, and R₁₀ is not hydrogen; if R₄ is F, then at least one position selected from among R₂, R₃, R₅ and R₆ is not hydrogen;

- if R₃ is F, then at least one position selected from among R₂, R₄, R₅, and R₆ is not hydrogen; and
- if any two positions selected from among R₂, R₃, R₄, R₅, and R₆ are both F, then at least one of the other three positions selected from among R₂, R₃, R₄, R₅, and R₆ is not hydrogen
- 3. (Previously presented) The compound of claim 1, wherein R₂ is selected from among hydrogen, F, Cl, Br, cyano, C₁-C₄ alkyl, C₂-C₄ alkenyl, aryl, haloalkoxy, haloalkylthio, formylaryl, hydroxyC₁-C₄alkyl, diC₁-C₄alkylaminoC₁-C₄alkyl, C₁-C₄alkylcarbonyl, hydroxyiminoC₁-C₄alkyl, alkoxyiminoC₁-C₄alkyl, alkoxyalkoxyC₁-C₄alkyl, hydroxyhaloC₂-C₄ alkyl, hydroxyhaloC₂-C₄ alkenyl, C₁-C₄alkylcarbonyloxyC₁-C₄alkyl, formyl, -OR₁₆, -SR₁₆, -CONR₁₄R₁₅, -SO₂NR₁₄R₁₅, wherein R₁₄ and R₁₅ are each independently selected from among hydrogen, C₁-C₄ alkyl, C₅-C₆ aryl C₁-C₄alkyl, C₃-C₇ cycloalkyl, or R₁₄ and R₁₅ together form an optionally substituted 4-7 member ring containing 1 or 2 heteroatoms selected from nitrogen and oxygen.
- 4. (Previously presented) The compound of claim 1, wherein R_2 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, -CONR₁₄R₁₅, -OR₁₆, -SR₁₆, -SO₂NR₁₄R₁₅, and an optionally substituted aryl.
 - 5. (Withdrawn) The compound of claim 1, wherein R_2 is phenyl.

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6. (Previously presented) The compound of claim 1, wherein R₂ is selected from among hydrogen, F, Cl, Br, cyano, C₁-C₄ alkyl, C₂-C₄ alkenyl, haloalkoxy, hydroxyC₁-C₄alkyl, alkoxyalkoxyC₁-C₄ alkyl, and hydroxyhaloC₁-C₄ alkyl.

- 7. (Previously presented) The compound of claim 1, wherein R₂ is selected from among hydrogen, fluoro, chloro, bromo, cyano, methyl, vinyl, hydroxymethyl, diethylaminomethyl, methoxymethoxymethyl, hydroxyiminomethyl, acetyloxymethyl, 1-hydroxy-2-trifluoroethyl, phenyl, trifluoromethoxy, trifluoromethylthio, acetyl, formyl, diethylaminocarbonyl, 3-formylphenyl, N-benzyl-N-methylaminocarbonyl, dimethylaminocarbonyl, 1-pyrrolidinocarbonyl, 1-morpholinocarbonyl, 4-methyl piperazi-1-nocarbonyl, piperidinocarbonyl, N-cyclohexyl-N-methylaminocarbonyl, piperidinosulfonyl, and N.N-dimethylaminosulfonyl.
- 8. (Previously presented) The compound of claim 1, wherein R₂ is selected from among hydrogen, fluoro, chloro, cyano, methyl, hydroxymethyl, methoxymethyl, 1-hydroxy-2-trifluoroethyl, vinyl and trifluoromethoxy.
- 9. (Previously presented) The compound of claim 1, wherein R₃ is selected from among hydrogen, F, Cl, Br, hydroxy, C₁-C₄alkoxy, C₁-C₄alkyl, haloC₁-C₄alkyl, haloalkoxy, haloaC₁-C₄alkylthio, aryl, heteroaryl, haloaryloxy, aryloxy, haloaryloxy, alkoxyaryloxy, C₁-C₄alkylaryloxy, haloalkoxyaryloxy, haloaryl and hydroxyC₁-C₄alkyl.
- 10. (Previously presented) The compound of claim 1, wherein R_3 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, -OR₁₆, -SR₁₆ and an optionally substituted aryl.
 - 11. (Withdrawn) The compound of claim 1, wherein R₃ is phenyl.
- 12. (Previously presented) The compound of claim 1, wherein R₃ is selected from among hydrogen, F, Cl, Br, hydroxy, C₁-C₄alkoxy, C₁-C₄alkyl, haloC₁-C₄alkyl, haloC₁-C₄alkylthio, haloaryloxy, and aryloxy.
- 13. (Previously presented) The compound of claim 1, wherein R₃ is selected from among hydrogen, fluoro, chloro, bromo, hydroxy, methoxy, methyl, tert-butyl, trifluoromethyl, hydroxymethyl, trifluoromethoxy, trifluoromethylthio, phenyl, 2,2-difluoro-1-ethoxy, 4,4,4-trifluoro-but-1-oxy, 2,4-difluorophenyl, 2-fluorophenyl, phenoxy, 3,6-dichlorophenoxy, 4-methoxyphenoxy, 3,4-dichloro-phenoxy, 4-methylphenoxy, 4-chlorophenoxy, 3-

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trifluoromethoxy-phenoxy, 4-fluorophenoxy, 3-thienyl, 3,3-difluoro-2,2,2-trifluoroprop-1-yloxy, 3,5-dichlorophenoxy, 4-fluorobenzyloxy, 3-fluorobenzyloxy and 3-pyridyl.

14. (Previously presented) The compound of claim 13, wherein R₃ is selected from among hydrogen, fluoro, chloro, hydroxy, methyl, trifluoromethyl, hydroxymethyl, trifluoromethoxy, phenoxy, trifluoromethylthio and 4-fluorophenoxy.

- 15. (Previously presented) The compound of claim 1, wherein R₄ is selected from among hydrogen, F, Cl, Br, hydroxy, C₁-C₄ alkyl, C₂-C₄alkenyl, C₃-C₆cycloalkyl, haloC₁-C₄ alkyl, aryl, hydroxy C₁-C₄alkyl, alkoxy, haloalkoxy, aralkoxy, haloaralkoxy, alkylaralkoxy, haloaryl, or R₃ and R₄ together form alkylenedioxy.
- 16. (Previously presented) The compound of claim 1, wherein R₄ is selected from among hydrogen, chloro, bromo, hydroxy, methoxy, fluoro, trifluoromethoxy, methyl, ethyl, isopropyl, vinyl, benzyloxy, phenyl, cyclohexyl, trifluoromethyl, 4-methylbenzyloxy, hydroxymethyl, or R₃ and R₄ together form a methylenedioxy.
- 17. (Previously presented) The compound of claim 1, wherein R_4 is selected from among hydrogen, F, Cl and Br.
 - 18. (Previously presented) The compound of claim 1, wherein R₄ is hydrogen.
 - 19. (Withdrawn) The compound of claim 1, wherein R₄ is F, Cl or Br.
 - 20. (Withdrawn) The compound of claim 1, wherein R₄ is fluorine.
- 21. (Withdrawn) The compound of claim 1, wherein R_2 and R_3 together form an optionally substituted 5-6 member ring and R_4 is selected from among hydrogen, F, Cl, Br, CN, $-OR_{16}$, an optionally substituted C_1-C_4 alkyl, an optionally substituted C_1-C_4 haloalkyl, an optionally substituted C_1-C_4 heteroalkyl, an optionally substituted cycloalkyl, an optionally substituted heterocyclyl and an optionally substituted heteroaryl ring.
- 22. (Withdrawn) The compound of claim 1, wherein R_3 and R_4 together form an optionally substituted 4-6 member ring and R_2 is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 heteroalkyl, -CONR₁₄R₁₅, -OR₁₆, -SR₁₆, -SO₂NR₁₄R₁₅, an optionally substituted cycloalkyl, an optionally substituted heterocyclyl and an optionally substituted heteroaryl ring.
- 23. (Withdrawn) The compound of claim 1, wherein R₂ and R₃ together form alkylenedioxy.

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24. (Withdrawn) The compound of claim 1, wherein R₂ and R₃ together with the phenyl ring on which they are substituted form optionally substituted benzo-1,3-dioxan or optionally substituted naphthyl ring.

- 25. (Previously presented) The compound of claim 1, wherein R₅ is selected from among hydrogen, F, Cl and Br, haloC₁-C₄alkyl, C₁-C₄alkyl, and C₁-C₄alkoxy.
- 26. (Previously presented) The compound of claim 1, wherein R₅ is selected from among hydrogen, F, Cl, Br, optionally substituted C₁-C₄ alkyl, and OCH₃.
- 27. (Previously presented) The compound of claim 1, wherein R₅ is selected from among hydrogen, F, Cl, Br, methyl, trifluoromethyl, isobutyl and methoxy.
- 28. (Previously presented) The compound of claim 1, wherein R₅ is selected from among hydrogen, F, Cl and Br.
 - 29. (Withdrawn) The compound of claim 1, wherein R₅ is F.
 - 30. (Previously presented) The compound of claim 1, wherein R_5 is hydrogen.
- 31. (Previously presented) The compound of claim 1, wherein R_6 is selected from among hydrogen, F, Cl, Br and C_1 - C_4 alkyl.
- 32. (Previously presented) The compound of claim 1, wherein R_6 is selected from hydrogen and F, Cl and Br.
- 33. (Previously presented) The compound of claim 1, wherein R_6 is selected from hydrogen and fluoro.
 - 34. (Previously presented) The compound of claim 1, wherein R₆ is hydrogen.
 - 35. (Withdrawn) The compound of claim 1, wherein R₆ is fluoro. does read on species
 - 36. (Cancelled).
- 37. (Withdrawn) The compound of claim 1, wherein at least one position selected from among R_7 , R_8 , R_9 , and R_{10} is not hydrogen.
- 38. (Withdrawn) The compound of claim 1, wherein if R_4 is F, then at least one position selected from among R_2 , R_3 , R_5 and R_6 is not hydrogen.
- 39. (Withdrawn) The compound of claim 1, wherein if R_3 is F, then at least one position selected from among R_2 , R_4 , R_5 , and R_6 is not hydrogen.

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40. (Withdrawn) The compound of claim 1, wherein if any two positions selected from among R₂, R₃, R₄, R₅, and R₆ are both F, then at least one of the other three positions selected from among R₂, R₃, R₄, R₅, and R₆ is not hydrogen.

41. (Withdrawn) The compound of claim 1, wherein R₁ is:

$$R_{5}$$
 R_{6}
 R_{14}
 R_{15}
 R_{15}
 R_{14}
 R_{15}
 R_{15}

42. (Withdrawn) The compound of claim 1, wherein R_1 is

$$R_6$$
 R_6
 R_6
 R_6
 R_6
 R_7
 R_8
 R_8
 R_8
 R_8
 R_8
 R_8
 R_8

- 43. (Withdrawn) The compound of claim 42, wherein R₁₆ is hydrogen, optionally substituted C₁-C₄alkyl, haloC₁-C₄alkyl, optionally substituted aryl, haloaryloxy and C₁-C₄alkoxyC₁-C₄alkyl.
 - 44. (Withdrawn) The compound of claim 1, wherein R₁ is:

$$R_5$$
 R_6
 R_6
 R_6
 R_6
 R_6
 R_6
 R_7
 R_8
 R_8
 R_8
 R_9
 R_9

- 45. (Withdrawn) The compound of claim 44, wherein R₁₆ is hydrogen, methyl, methoxy, trifluoromethyl, 4-fluorophenyl, 4-methylbenzyl, 4,4,4-trifluorobutyl, 2-fluoroethyl, 3,3-difluoro-2,2,2-trifluoropropyl, 4-fluorobenzyl, 2-fluorobenzyl, 4-methoxyphenyl, 3,4dichlorophenyl, 4-tolyl, 4-chlorophenyl, 3-trifluoromethoxyphenyl, and phenyl.
 - 46. (Previously presented) The compound of claim 1, wherein R_1 is

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- 47. (Withdrawn) The compound of claim 1, wherein R₇ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, an optionally substituted C₁-C₄ heteroalkyl, -CONR₁₄R₁₅, and an optionally substituted aryl.
- 48. (Withdrawn) The compound of claim 1, wherein R₇ is an optionally substituted aryl.
- 49. (Withdrawn) The compound of claim 1, wherein R₇ is an optionally substituted phenyl.
- 50. (Withdrawn) The compound of claim 49, wherein R₇ is substituted with one to three substituents selected from among hydrogen F, Cl and Br C₁-C₄ alkyl, C₁-C₄ haloalkyl, and C₁-C₄ heteroalkyl.
 - 51. (Withdrawn) The compound of claim 1, wherein R_7 is hydrogen.
 - 52. (Withdrawn) The compound of claim 1, wherein R₈ is hydrogen.
 - 53. (Cancelled).
- 54. (Withdrawn) The compound of claim 1, wherein R₉ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, and an optionally substituted C₁-C₄ heteroalkyl.
 - 55. (Withdrawn) The compound of claim 1, wherein R₉ is hydrogen.
- 56. (Withdrawn) The compound of claim 1, wherein R₇ and R₈ together form an optionally substituted 5-6 member ring and R₉ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, an optionally substituted C₁-C₄ heteroalkyl.
- 57. (Withdrawn) The compound of claim 1, wherein R₈ and R₉ together form an optionally substituted 4-6 member ring and R₇ is selected from among hydrogen, F, Cl, Br,

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CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, -CONR₁₄R₁₅, and an optionally substituted aryl.

58. (Withdrawn) The compound of claim 1, wherein R₁₀ is selected from among hydrogen, F, Cl, CH₃, and OCH₃.

- 59. (Withdrawn) The compound of claim 1, wherein R₁₀ is hydrogen.
- 60. (Withdrawn) The compound of claim 1, wherein R₁₁ is selected from among hydrogen, cyano, formyl, C₁-C₄alkyl, C₂-C₄alkenyl, C₂-C₄alkynyl, hydroxyC₁-C₄alkyl, haloC₁-C₄alkyl, haloC₂-C₄alkenyl, hydroxyC₁-C₄alkyl, hydroxyC₂-C₄alkenyl, cyanoC₁-C4alkenyl, hydroxyC2-C4alkynyl, alkoxyalkoxyC1-C4alkyl, hydroxyhaloC1-C4alkyl, aminoC1- $C_4 alkyl, \ C_1 - C_4 alkylamino C_1 - C_4 alkyl, \ di C_1 - C_4 alkylamino C_1 - C_4 alkyl C_2 - C_4 alkyl$ aminoC₁-C₄alkyl, arylaminoC₁-C₄alkyl, C₂-C₄alkenylaminoC₁-C₄alkyl, cycloC₃-C₆alkylaminoC₁-C₄alkyl, hydroxyalkoxyalkyl, haloalkylcarbonyl, alkoxyalkoxyalkoxy, carboxyalkoxyalkyl, alkoxyhaloalkyl, alkoxycarbonylalkenyl, hydroxy C₁-C₄alkylcarbamoyl, N,NdiC₁-C₄alkylaminoC₁-C₄alkyl, N-cycloC₃-C₆alkyl-N-C₁-C₄alkylaminocarbonyl, haloC₁-C₄alkylcarbamoyl, hydroxyhaloC₁-C₄alkyl, C₁-C₄alkylcarbonyl, cycloC₃-C₆alkylcarbonyl, C₂-C4alkenylcarbonyl, C2-C4alkynylcarbonyl, arylcarbonyl, heteroarylcarbonyl, hydroxyaralkyl, C₁-C₄alkoxyC₁-C₄alkyl, C₂-C₄alkenyloxyC₁-C₄alkyl, C₂-C₄alkynyloxyC₁-C₄alkyl, aryloxyC₁-C₄alkyl, hydroxyiminoC₁-C₄alkyl, alkoxyiminoC₁-C₄alkyl, C₂-C₄alkenyloxyiminoC₁-C₄alkyl, aryloxyiminoC₁-C₄alkyl, aralkoxyiminoC₁-C₄alkyl, heterocyclyl, heteroaryl and CONR₁₄R₁₅, wherein the alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, heteroaryl and aryl groups can be unsubstituted or substituted with one to three substituents selected from among C₁-C₄alkyl, C₂-C₄alkenyl, C₂-C₄alkynyl, hydroxy, C₁-C₄alkoxy, nitro, halo, cyano, oxo, aryl, cycloalkyl, heterocyclyl, and heteroaryl groups.
- 61. (Withdrawn) The compound of claim 1, wherein R₁₁ is selected from among hydroxyC₁-C₄alkyl, hydroxyiminoC₁-C₄alkyl, C₁-C₄alkoxyiminoC₁-C₄alkyl, C₁-C₄alkyl, aryloxyiminoC₁-C₄alkyl, aralkoxyimino-C₁-C₄alkyl, C₁-C₄alkyl, C₁-C₄alkyl, C₁-C₄alkyl, C₁-C₄alkyl, hydroxyhaloC₁-C₄alkyl, cycloalkylcarbonyl, C₂-C₄alkynylaminoC₁-C₄alkyl, haloC₁-C₄alkylaminoC₁-C₄alkyl, hydroxyalkoxyC₁-C₄alkyl, cyanoC₂-C₄alkenyl, alkoxyhaloC₁-C₄alkyl, heterocyclylcarbonyl and haloalkylcarbamoyl.
- 62. (Withdrawn) The compound of claim 1, wherein R₁₁ is selected from among hydrogen, cyano, carbamoyl, hydroxymethyl, 1-hydroxyethyl, vinyl, acetyl, 1-hydroxy-1-

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methylethyl, methoxymethyl, 4,4-fluorophenylhydroxy-methyl, cyclohexylhydroxy-methyl, hydroxythien-3-ylmethyl, hydroxythien-2-ylmethyl, N,N-diethylaminocarbonyl, methoxymethoxymethyl, 3-prop-2-enyloxy-methyl, 1-hydroxybut-3-enyl, 1-hydroxy-2-phenylethyl, acroloyl, 4-fluorobenzoyl, thien-2-ylcarbonyl, cyclohexylcarbonyl, aminomethyl, phenylaminomethyl, prop-2-ynylaminomethyl, 2,2,2-trifluoroethylaminomethyl, cyclopropyl-aminomethyl, butylaminomethyl, 2-hydroxyethoxymethyl, isopropenyl, formyl, trifluoroacetyl, methoxyethoxymethoxy, 2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)-ethyl, but-2-ynloxymethyl, 1cyanovinyl, prop-3-ynyloxymethyl, 4-hydroxy-but-3-enyl, 1-hydroxy-2-trifluoroethyl, ethoxycarbonylmethoxymethyl, carboxy-methoxymethyl, 1-hydroxyprop-2-ynyl, 1-methoxy-2,2,2trifluoroethyl, 2,2,2-trifluoro-1-methoxy-1-(trifluoromethyl)ethyl, 1-hydroxy-1-(thien-3-yl)ethyl, 2-methoxycarbonyl-vinyl, hydroxyethylcarbamoyl, ethylcarbamoyl, 2-(carbomethoxy)pyrrolidino-carbonyl, piperazinocarbonyl, N,N-dimethylaminomethyl, N,N-dimethylaminocarbonyl, N-ethyl-N-methylaminocarbonyl, N-morpholinocarbonyl, cyclopropyl, N-cyclohexyl-N-methylamino-carbonyl, 1-pyrrolidinocarbonyl, 2,2,2-trifluoro-ethylcarbamoyl, 4-hydroxypiperidinecarbonyl, 4-methylpiperazinecarbonyl, 1-hydroxy-4,4,4-trifluorobut-2-ynyl, 3hydroxy-3-phenylpropanoyl, 3-hydroxy-3-butanoyl, N,N-dimethoxy-ethylaminocarbonyl, Nallyl-N-methylaminocarbonyl, 1-piperidinocarbonyl, 4-oxo-piperidi-1-nocarbonyl, 4-(1,3dioxan)- piperidinocarbonyl, piperidin-1-ylmethyl, benzoyl, 1-hydroxy-benzyl, 1-hydroxyiminoethyl, 1-methoxy-iminoethyl, 1-allyloxy-iminoethyl, phenoxy-iminoethyl, 1-ethoxyiminoethyl, 1-carboxymethoxyiminoethyl, 1-t-butyl-oxyiminoethyl, 1-benzyloxy-iminoethyl, 1-(4-nitrobenzyl)oxyiminoethyl, 1-hydroxyimino-methyl, 1-hydroxy-prop-2-ynyl, and but-2enoyl.

- 63. (Withdrawn) The compound of claim 1, wherein R₁₁ is selected from among hydroxymethyl, acetyl, 1-hydroxy-1-methylethyl, 1-hydroxyethyl, 1-hydroxyimino-ethyl, 1-methoxyiminoethyl, 1-allyloxyiminoethyl, 1-phenoxy-iminoethyl, 1-ethoxyiminoethyl, 1-tertbutoxyiminoethyl, 1-benzyloxy-iminoethyl, hydroxyiminomethyl, methoxymethyl, methoxymethyl, 1-hydroxy-2,2,2-trifluoroethyl, cyclohexylcarbonyl, prop-2-ynyl-aminomethyl, 2,2,2-trifluoroethyl-aminomethyl, 2-hydroxymethoxymethyl, 2-cyanovinyl, 1-methoxy-2,2,2-trifluoroethyl, 4-oxopiperidinocarbonyl, 2,2,2-trifluoroethylcarbamoyl, pyrrolidinocarbonyl and piperidinocarbonyl.
- 64. (Withdrawn) The compound of claim 1, wherein R₁₂ is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-

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 C_4 haloalkyl, an optionally substituted C_1 - C_4 heteroalkyl, -OR₁₆, and an optionally substituted aryl.

65. (Withdrawn) The compound of claim 64, wherein R_{12} is selected from among hydrogen, and an optionally substituted C_1 - C_4 alkyl.

- 66. (Withdrawn) The compound of claim 64, wherein R₁₂ is hydrogen.
- 67. (Withdrawn) The compound of claim 60, wherein R_{12} is C_1 - C_4 alkyl.
- 68. (Withdrawn) The compound of claim 1, wherein R_{13} is selected from among hydrogen, F, Cl, Br, CN, CONR₁₄R₁₅, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl.
- 69. (Withdrawn) The compound of claim 68, wherein R_{13} is selected from among hydrogen, optionally substituted C_1 - C_4 alkyl and optionally substituted CONR₁₄R₁₅.
- 70. (Withdrawn) The compound of claim 1, wherein R_{14} and R_{15} are each independently hydrogen, C_1 - C_4 alkyl or together with the nitrogen atom on which they are substituted form a heterocyclyl or heteroaryl ring that can be optionally substituted with one to three substituents selected from among C_1 - C_4 alkyl and halo.
- 71. (Withdrawn) The compound of claim 68, wherein R₁₃ is selected from among hydrogen, methyl, N,N-diethylaminocarbonyl, 1-pyrrolidinocarbonyl, 2-methyl-pyrrolidi-1-nocarbonyl, and 1-morpholinocarbonyl.
- 72. (Withdrawn) The compound of claim 1, wherein R_{11} and R_{12} together form an optionally substituted 5-6 member ring and R_{13} is selected from among hydrogen, F, Cl, Br, CN, CONR₁₄R₁₅, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, and an optionally substituted C₁-C₄ heteroalkyl.
- 73. (Withdrawn) The compound of claim 1, wherein R_{12} and R_{13} together form an optionally substituted 4-6 member ring and R_{11} , is selected from among hydrogen, F, Cl, Br, CN, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 heteroalkyl, -CONR₁₄R₁₅, and an optionally substituted aryl.
- 74. (Withdrawn) The compound of claim 1, wherein R_{14} and R_{15} are each independently selected from among hydrogen, an optionally substituted C_1 - C_4 alkyl, an optionally substituted C_1 - C_4 haloalkyl, and an optionally substituted C_1 - C_4 heteroalkyl.
- 75. (Withdrawn) The compound of claim 1, wherein R₁₄ and R₁₅ together form an optionally substituted 4-7 member ring.

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76. (Withdrawn) The compound of claim 1, wherein R₁₆ is selected from among hydrogen, an optionally substituted C₁-C₄ alkyl, an optionally substituted C₁-C₄ haloalkyl, an optionally substituted C₁-C₄ heteroalkyl, and an optionally substituted aryl.

- 77. (Withdrawn) The compound of claim 1, wherein R₁₆ is an optionally substituted phenyl.
- 78. (Withdrawn) The compound of claim 1, wherein X is selected from among O, S, and NR₁₇.
 - 79. (Withdrawn) The compound of claim 78, wherein X is O.
 - 80. (Withdrawn) The compound of claim 78, wherein X is S.
 - 81. (Withdrawn) The compound of claim 78, wherein X is NR₁₇.
- 82. (Withdrawn) The compound of claim 81, wherein R₁₇ is selected from among hydrogen and an optionally substituted C₁-C₄ alkyl.
 - 83. (Withdrawn) The compound of claim 81, wherein R_{17} is hydrogen.
 - 84. (Withdrawn) The compound of claim 1, wherein R₁ is

$$R_{13}$$
 R_{12}
 R_{12}
 R_{14}
 R_{15}
 R_{15}

$$R_{13}$$
 R_{12}
 R_{14}
 R_{15}
 R_{13}
 R_{12}
 R_{12}
 R_{27}

wherein R₂₃ is selected from among hydrogen, optionally substituted C₁-C₄ alkyl, optionally substituted C₁-C₄ alkenyl, optionally substituted C₁-C₄ alkynyl and optionally substituted aryl; and

R₂₇ is selected from among hydrogen, optionally substituted C₁-C₄ alkyl, optionally substituted C₁-C₄ alkenyl, optionally substituted C₁-C₄ alkynyl, optionally substituted aryl, optionally substituted heteroaryl, optionally substituted cycloalkyl, optionally substituted heterocyclyl.

85. (Cancelled).

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86. (Withdrawn) The compound of claim 84, wherein R₁ is

87. (Withdrawn) The compound of claim 1, wherein R_1 is

88. (Withdrawn) The compound of claim 87, wherein R₁₁ is selected from among hydroxyC₁-C₄alkyl, hydroxyiminoC₁-C₄alkyl, C₁-C₄alkoxyiminoC₁-C₄alkyl, C₁-C₄alkylcarbonyl, C₁-C₄alkenyloxyiminoC₁-C₄alkyl, aryloxyiminoC₁-C₄alkyl, aralkoxyimino-C₁-C₄alkyl, C₁-C₄alkoxyC₁-C₄alkyl, C₁-C₄alkoxyalkoxyC₁-C₄alkyl, hydroxyhaloC₁-C₄alkyl, cycloalkylcarbonyl, C2-C4alkynylaminoC1-C4alkyl, haloC1-C4alkylaminoC1-C4alkyl, hydroxyalkoxyC₁-C₄alkyl, cyanoC₂-C₄alkenyl, alkoxyhaloC₁-C₄alkyl, heterocyclylcarbonyl and haloalkylcarbamoyl.

89. (Withdrawn) The compound of claim 84, wherein R₁ is

90. (Withdrawn) The compound of claim 76, wherein R₁ is

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91. (Withdrawn) The compound of claim 90, wherein R₁₆ is hydrogen, methyl, allyl, tert-butyl, and benzyl.

- 92. (Withdrawn) The compound of claim 90, wherein R₂₃ is hydrogen or methyl.
- 93. (Withdrawn) The compound of claim 89, wherein R₁ is

94. (Withdrawn) The compound of claim 93, wherein R₂₇ is methyl, cyclohexyl, 4oxo-piperidinyl, pyrrolidinyl, or piperidinyl.

95. (Withdrawn) The compound of claim 89, wherein R₁ is

96. (Withdrawn) The compound of claim 1, wherein R₁₄ and R₁₅ are each independently hydrogen, alkyl, haloalkyl or aryl, or R₁₄ and R₁₅ together with the nitrogen atom on which they are substituted form an optionally substituted heterocyclyl or optionally substituted heteroaryl ring.

97. (Withdrawn) The compound of claim 96, wherein R₁₄ and R₁₅ are each independently hydrogen, methyl, trifluoroethyl, or R₁₄ and R₁₅ together with the nitrogen atom on which they are substituted form a pyrrolidinyl, 4-oxopiperidinyl or piperidinyl ring.

98. (Withdrawn) The compound of claim 89, wherein R₁ is

99. (Previously presented) The compound of claim 1, wherein the compound has Formula V:

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$$R_{5}$$
 R_{6}
 R_{2}
 CH_{3}
 CH_{3}
 CH_{3}
 CH_{3}

100. (Withdrawn) The compound of claim 1, wherein the compound has Formula VI or VII:

101. (Withdrawn) The compound of claim 1, wherein the compound has Formula VIII:

$$R_{13}$$
 R_{12}
 R_{11}
 R_{11}
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3

102. (Withdrawn) The compound of claim 1, wherein the compound has Formula IX:

$$R_{13}$$
 R_{12}
 R_{11}
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3

103. (Withdrawn) The compound of claim 1, wherein the compound has Formula X:

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104. Withdrawn) The compound of claim 1, wherein the compound has Formula XI:

105. (Withdrawn) The compound of claim 1, wherein the compound has Formula XII:

106. (Withdrawn) The compound of claim 1, wherein the compound has Formula XIII:

$$R_{10}$$
 R_{8}
 R_{7}
 R_{7}
 CH_{3}
 CH_{3}
 CH_{3}

107. (Previously presented) The compound of claim 1 selected from among:

(Z)-5-(3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 11);

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(Z)-5-(2'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 12);

- (Z)-5-(3'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 13);
- (Z)-5-(2',5'-dichlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 14);
- (Z)-5-(3'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 15);
- (Z)-5-(2'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 16);
- (Z)-5-(4'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 17);
- (Z)-5-(3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 18);
- (Z)-5-(4'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 19);
- (Z)-5-(4'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 20);
- (Z)-5-(2'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 21);
- (Z)-5-(3'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 22);
- (Z)-5-(3',5'-dichlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 23);
- (Z)-5-(3'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 24);
- (Z)-5-(2'-chloro-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 25);
- (Z)-5-(4'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 26);
- (Z)-5-(3'-trifluoromethylthiobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 27);

- (Z)-5-(2'-fluoro-3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 28);
- (Z)-5-(2'-fluoro-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 29);
- (Z)-5-(3',4'-dichlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 30);
- (Z)-5-(4'-chloro-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 31);
- (Z)-5-(3',5'-di(trifluoromethyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 32);
- (Z)-5-(3'-fluoro-5'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 33);
- (Z)-5-(2',4',5'-trifluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 34);
- (Z)-5-(2'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 35);
- (Z)-5-(4'-ethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 36);
- (Z)-5-(5'-fluoro-2'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 37);
- (Z)-5-(2'-chloro-6'-fluorobenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 38);
- (Z)-5-(4'-isopropylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 39);
- (Z)-5-(4'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 40);
- (Z)-5-(3'-fluoro-4'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 41);
- (Z)-5-(2'-(6'-methyl-pyridinylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 42);
- (Z)-5-(2'-methyl-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 43);

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(Z)-5-(4'-benzyloxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 44);

- (Z)-5-(2'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 46);
- (Z)-5-(4'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 47);
- (Z)-5-(3'-methyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy--10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 48);
- (Z)-5-(4'-cyclohexylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 49);
- (Z)-5-(2'-chloro-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 51);
- (Z)-5-(3'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 52);
- (Z)-5-(3'-chloro-4'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 54);
- (Z)-5-(2',6'-difluoro-3'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 55);
- (Z)-5-(2'-chloro-3',6'-difluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 56);
- (Z)-5-(4'-methyl-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 58);
- (Z)-5-(2'-fluoro-4'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 59);
- (Z)-5-(2',3'-difluoro-4'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 60);
- (Z)-5-(2',3',5',6'-tetrafluoro-4'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 61);
- (Z)-5-(2'-(3'-(dimethylaminocarbonyl)furanylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 62);
- (Z)-5-(4'-vinylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 63);

- (Z)-5-(2'-Chloro-6'-fluoro-5'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 64);
- (Z)-5-(2'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 65);
- (Z)-5-(2'-trifluoromethylthiobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 66);
- (Z)-5-(3',4'-methylenedioxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*] quinoline (compound 67);
- (Z)-5-(3'-chloro-2'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 68);
- (Z)-5-(4'-(4"-methylbenzyloxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 70);
- (Z)-5-(3',5'-di-tert-butylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 71);
- (Z)-5-(3'-(2",2"-difluoroethoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 72);
- (Z)-5-(2',5'-dimethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 73);
- (Z)-5-(3'-(3"-thienyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 74);
- (Z)-5-(2'-diethylaminocarbonylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 75);
- (Z)-5-(3'-(4",4",4"-trifluorobutoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 76);
- (Z)-5-(3'-(2",4"-difluorophenyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 77);
- (Z)-5-(3'-(3"-pyridyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 78);
- (Z)-5-(2'-(3"-formylphenyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 79);
- (Z)-5-(3',5'-dimethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 80);

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(Z)-5-(3',4'-dimethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 81);

- (Z)-5-(2'-(diethylamino)carbonyl-6'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 82);
- (Z)-5-(2'-(diethylamino)carbonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 83);
- (Z)-5-(2'-(methylbenzylamino)carbonyl-6'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 84);
- (Z)-5-(2'-(dimethylamino)carbonyl-5'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 85);
- (Z)-5-(3'-(2"-fluoroethoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 86);
- (Z)-5-(3'-(2",2",3",3"-tetrafluoropropoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 87);
- (Z)-5-(3'-(4"-fluorobenzyloxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 88);
- (Z)-5-(3'-(2"-fluorobenzyloxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 89);
- (Z)-5-(2'-(pyrrolidinecarbonyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 90);
- (Z)-5-(2'-(pyrrolidinecarbonyl)-5'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 91);
- (Z)-5-(2'-(dimethylaminocarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 92);
- (Z)-5-(2'-(pyrrolidinecarbonyl)-5'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 93);
- (Z)-5-(2'-(pyrrolidinecarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 94);
- (Z)-5-(3'-(4"-fluorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 95);
- (Z)-5-(2'-(morpholinocarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 96);

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(Z)-5-(8'-(6'-fluoro-benzo-1',3'-dioxanmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 97);

- (Z)-5-(2'-dimethylaminocarbonyl-3'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 98);
- (Z)-5-(2'-(4"-methylpiperazinecarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 99);
- (Z)-5-(2'-methyl-3'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 100);
- (Z)-5-(3',5'-di-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 101);
- (Z)-5-(2'-(piperidinecarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 102);
- (Z)-5-(2'-dimethylaminosulphonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 103);
- (Z)-5-(3'-phenoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 104);
- (Z)-5-(2'-(ethylmethylamino)carbonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 105);
- (Z)-5-(2'-(cyclohexylmethylamino)carbonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 106);
- (Z)-5-(2'-cyanobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 107);
- (Z)-5-(2',3',5',6'-tetrafluoro-4'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 108);
- (Z)-5-(3'-hydroxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 109);
- (Z)-5-(2'-(piperidinesulphonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 110);
- (Z)-5-(1'_naphthylmethylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 111);
- (Z)-5-(3'-methyl-4'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 112);

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(Z)-5-(2',5'-dimethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy -2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 113);

- (Z)-5-(2',3'-methylenedioxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 114);
- (Z)-5-(2',3'-ethylenedioxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 115);
- (Z)-5-(4'-hydroxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 116);
- (Z)-5-(2'-cyano-3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 117);
- (Z)-5-(3'-chloro-2'-cyanobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 118);
- (Z)-5-(5'-bromo-2'-cyano-benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 119);
- (Z)-5-(8'-(6'-chloro-benzo-1',3'-dioxan-methylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 120);
- (Z)-5-(2'-chloro-3',4'-dimethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 121);
- (Z)-5-(2'-cyano-3'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 122);
- (Z)-5-(8'-(6'-methyl-benzo-1',3'-dioxan-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 123);
- (Z)-5-(2'-cyano-5'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 124);
- (Z)-5-(8'-(5',6'-difluoro-benzo-1',3'-dioxan-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 125);
- (Z)-5-(3'-(3",5"-dichlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 126);
- (Z)-5-(3'-(4"-methoxyphenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 127);
- (Z)-5-(3'-(3",4"-dichlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 128);

- (Z)-5-(3'-(4"-methylphenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 129);
- (Z)-5-(3'-(4"-chlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 130);
- (Z)-5-(3'-(3"-trifluoromethoxyphenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 131);
- (Z)-5-(2'-(3'-(dimethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 132);
- (Z)-5-(2'-(3'-(ethylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 134);
- (Z)-5-(2'-(3'-(morpholinocarbonyl)thienylmethylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 135);
- (Z)-5-(2'-(3'-(cyclohexylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 136);
- (Z)-5-(2'-(3'-(pyrrolidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 137);
- (Z)-5-(2'-(3'-(di(methoxyethyl)aminocarbonyl)thienylmethylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 138);
- (Z)-5-(2'-(3'-(allylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 139);
- (Z)-5-(2'-(3'-(piperidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 140);
- (Z)-5-(2'-(3'-piperidinecarbonyl-4"-(1,3-dioxan)thienylmethylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 141);
- (Z)-5-(2'-(5'-(diethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 142);
- (Z)-5-(2'-(5'-(pyrrolidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 143);
- (Z)-5-(2'-(5'-(2"-methylpyrrolidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 144);
- (Z)-5-(2'-(5'-(morpholinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 145);

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(Z)-5-(2'-(3'-dimethylaminocarbonyl-5'-methylfuranylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 146);

- (Z)-5-(2'-(3'-cyclohexylmethylaminocarbonyl-5'-methylfuranyl-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 147);
- (Z)-5-(4'-(2"-fluorophenyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 148);
- (Z)-5-(3'-(2"-Fluorophenyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 149);
- (Z)-5-(2'-chloro-3'-methylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 150);
- (Z)-5-(2'-(5'-Methyl-3'-piperidinecarbonyl)furanylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 151);
- (Z)-5-(2'-(5'-Methyl-3'-(piperidinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 152);
- (Z)-5-(2'-(3'-Diethylcarbamoyl-1',5'-dimethyl-1'H-pyrrolylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 153);
- (Z)-5-(3'-Methyl-2'-(pyrrolidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 154);
- (Z)-5-(3'-Bromo-2'-(pyrrolidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 155);
- (Z)-5-(3'-Chloro-2'-(pyrrolidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 156);
- (Z)-5-(2'-(3'-Hydroxymethylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 157);
- (Z)-5-(2'-(Piperidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 158);
- (Z)-5-(2'-Hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 159);
- (Z)-5-(2'-(3'-(Hydroxymethyl)-5'-methylfuranylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 160);
- (Z)-5-(2'-Fluoro-3'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 161);

- (Z)-5-(4'-Fluoro-2'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 162);
- (Z)-5-(3'-Bromo-2'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 163);
- (Z)-5-(5'-Bromo-2'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 164);
- (Z)-5-(2'-(3'-(Piperidinylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 165);
- (Z)-5-(2'-(3'-(Dimethylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 166);
- (Z)-5-(2'-(Diethylaminomethyl)-4'-fluorobenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 167);
- (Z)-5-(2'-(3'-Acetylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 168);
- (Z)-5-(2'-(3'-(1"-Hydroxy-1"-methylethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 169);
- (Z)-5-(2'-(3'-Benzoylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 170);
- (\pm) -(Z)-5-(2'-(3'-(1''-Hydroxyethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 171);
- (\pm) -(Z)-5-(2'-(3'-(1''-Hydroxy-1''-phenylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 172);
- (Z)-5-(4'-Fluoro-2'-acetylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 173);
- (Z)-5-(2'-(3'-((E)-1"-Hydroxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 174);
- (Z)-5-(2'-(3'-((Z)-1"-Hydroxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 175);
- (Z)-5-(2'-(3'-((E)-1"-Methoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 176);
- (Z)-5-(2'-(3'-((Z)-1"-Methoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 177);

- (Z)-5-(2'-(3'-((E)-1"-Allyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 178);
- (Z)-5-(2'-(3'-((Z)-1"-Allyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 179);
- (Z)-5-(2'-(3'-((E)-1"-Phenoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 180);
- (Z)-5-(2'-(3'-((Z)-1"-Phenoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 181);
- (Z)-5-(2'-(3'-((E)-1"-Ethoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 182);
- (Z)-5-(2'-(3'-((Z)-1"-Ethoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 183);
- (Z)-5-(2'-(3'-((E)-(Carboxymethoxy)iminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 184);
- (Z)-5-(2'-(3'-((E)-1"-tert-Butoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 185);
- (Z)-5-(2'-(3'-((E)-1"-Benzyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 186);
- (Z)-5-(2'-(3'-((Z)-1"-Benzyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 187);
- (Z)-5-(2'-(3'-((E)-1"-(p-Nitrobenzyloxy)iminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 188);
- (Z)-5-(2'-(3'-((Z)-1"-(p-Nitrobenzyloxy)iminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 189);
- (Z)-5-(2'-(3'-((E)-Hydroxyiminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 190);
- (Z)-5-(4'-Fluoro-(E)-2'-(hydroxyiminomethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 191);
- (Z)-5-((E)-2'-(Hydroxyiminomethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 192);
- (Z)-5-(2'-(3'-Methoxymethylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 193);

- (Z)-5-(2'-(3'-(Methoxymethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 194);
- (Z)-5-(2'-(3'-(Prop-2"-enyloxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 195);
- (Z)-5-(2'-(3'-(Prop-2"-ynloxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 196);
- (Z)-5-(4'-Fluoro-2'-(methoxymethoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 197);
- (Z)-5-(2'-(Methoxymethoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 198);
- (\pm)-(Z)-5-(2'-(3'-(1"-Hydroxybut-3"-enyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 199);
- (+)-(Z)-5-(2'-(3'-(1"-Hydroxybut-3"-enyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 200);
- (-)-(Z)-5-(2'-(3'-(1"-Hydroxybut-3"-enyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 201);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 202);
- (+)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 203);
- (-)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 204);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxyprop-2"-ynyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 205);
- (\pm)-(Z)-5-(4'-Fluoro-2'-(2",2",2"-trifluoro-1"-hydroxyethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 206);
- (\pm)-(Z)-5-(2'-(3'-(Hydroxythien-3"-ylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 207);
- (±)-(Z)-5-(2'-(3'-((4"-Fluorophenyl)hydroxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 208);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxyallyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 209);

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(±)-(Z)-5-(2'-(3'-(Cyclohexylhydroxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 210);

- (±)-(Z)-5-(2'-(3'-(1"-Hydroxy-2"-phenylethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 211);
- (±)-(Z)-5-(2'-(3'-(Hydroxythien-2"-ylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 212);
- (Z)-5-(2'-(3'-Acryloylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 213);
- (Z)-5-(2'-(3'-(4"-Fluorobenzoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 214);
- (Z)-5-(2'-(3'-(Thien-3"-ylcarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 215);
- (Z)-5-(2'-(3'-(Cyclohexanecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 216);
- (Z)-5-(2'-(3'-(But-3"-enoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 217);
- (Z)-5-(2'-(3'-(Aminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 218);
- (Z)-5-(2'-(3'-(Phenylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 219);
- (Z)-5-(2'-(3'-(Prop-2"-ynylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 220);
- (Z)-5-(2'-(3'-((2",2",2"-Trifluoroethylamino)methyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 221);
- (Z)-5-(2'-(3'-(Cyclopropylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 222);
- (Z)-5-(2'-(3'-(1"-Butylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 223);
- (Z)-5-(2'-(3'-(2"-Hydroxyethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 224);
- (Z)-5-(2'-(3'-Isopropenylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 225);

- (Z)-5-(2'-(3'-Formylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 226);
- (Z)-5-(2'-(3'-(Methoxyethoxymethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 227);
- (Z)-5-(2'-(3'-(Trifluoroacetyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 228);
- (Z)-5-(2'-(3'-(2",2",2"-Trifluoro-1"-hydroxy-1"-(trifluoromethyl)ethyl)-thienyl-methylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 229);
- (Z)-5-(4'-Fluoro-2'-formylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 230);
- (Z)-5-(2'-(3'-Cyanothienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 231);
- (Z)-5-(2'-(3'-Carbamoylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 232);
- (Z)-5-(4'-Fluoro-2'-vinylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 233);
- (Z)-5-(4'-Fluoro-2'-(acetoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 234);
- (Z)-5-(2'-Formylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 235);
- (Z)-5-(2'-Vinylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 236);
- (Z)-5-(2'-(3'-(But-2"-ynloxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 237);
- (Z)-5-(2'-(3'-(2"-(E)-Cyanovinyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 238);
- (Z)-5-(2'-(3'-(Ethoxycarbonylmethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 239);
- (Z)-5-(2'-(3'-(Carboxymethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 240);

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(Z)-5-(2'-(3'-Vinylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 241);

- (\pm) -(Z)-5-(2'-(3'-(1''-Methoxy-2'',2''-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 242);
- (Z)-5-(2'-(3'-(2",2",2"-Trifluoro-1"-methoxy-1"-(trifluoromethyl)ethyl)-thienyl-methylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 243);
- (Z)-5-(4'-Hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 244);
- (Z)-5-(2'-(3'-(1"-Hydroxy-1"-(thien-3""-yl)ethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 245);
- (Z)-5-(2'-(3'-(2"-Methoxycarbonylvinyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 246);
- (Z)-5-(2'-(3'-Hydroxymethylpyridinylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 247);
- (Z)-5-(2'-(3'-(Hydroxyethylcarbamoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 248);
- (Z)-5-(2'-(3'-Ethylcarbamoylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 249);
- (Z)-5-(2'-(3'-((R)-2"-(Carbomethoxy)pyrrolidinecarbonyl)-thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 250);
- (Z)-5-(2'-(3'-(Piperazinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 251);
- (Z)-5-(2'-(3'-(4"-Oxo-piperidinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 252);
- (Z)-5-(2'-(3'-(2",2",2"-Trifluoroethylcarbamoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 253);
- (Z)-5-(2'-(3'-(4"-Hydroxypiperidinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 254);
- (Z)-5-(2'-(3'-(4"-Methylpiperazinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 256);

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 (\pm) -(Z)-5-(2'-(3'-(1''-Hydroxy-4'',4''-trifluorobut-2''-ynyl)thienyl-methylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 257);

- (Z)-5-(2'-(3'-(3"-Hydroxy-3"-phenylpropanoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline_(compound 258);
- (Z)-5-(2'-(3'-(3''-Hydroxybutanoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 259); and
- (Z)-5-(2'-(3'-(But-2"-enoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 260).
 - 108. (Previously presented) The compound of claim 1, selected from among:
- (Z)-5-(3'-trifluoromethyl-benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 11);
- (Z)-5-(2'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 12);
- (Z)-5-(3'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 13);
- (Z)-5-(2',5'-dichlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 14);
- (Z)-5-(3'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 15);
- (Z)-5-(2'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 16);
- (Z)-5-(4'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 17);
- (Z)-5-(3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 18);
- (Z)-5-(4'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 19);
- (Z)-5-(4'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 20);
- (Z)-5-(2'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 21);

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(Z)-5-(3'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 22);

- (Z)-5-(3',5'-dichlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 23);
- (*Z*)-5-(3'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 24);
- (Z)-5-(2'-chloro-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 25);
- (Z)-5-(4'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 26);
- (Z)-5-(3'-trifluoromethylthiobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 27);
- (Z)-5-(2'-fluoro-3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 28);
- (Z)-5-(2'-fluoro-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 29);
- (Z)-5-(3',4'-dichlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 30);
- (Z)-5-(4'-chloro-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 31);
- (Z)-5-(3',5'-di(trifluoromethyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 32);
- (Z)-5-(3'-fluoro-5'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 33);
- (Z)-5-(2',4',5'-trifluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 34);
- (Z)-5-(2'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 35);
- (Z)-5-(4'-ethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 36);
- (Z)-5-(5'-fluoro-2'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 37);

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(Z)-5-(2'-chloro-6'-fluorobenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 38);

- (Z)-5-(4'-isopropylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 39);
- (Z)-5-(4'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 40);
- (Z)-5-(3'-fluoro-4'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 41);
- (Z)-5-(2'-methyl-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 43);
- (Z)-5-(4'-benzyloxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 44);
- (Z)-5-(2'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 46);
- (Z)-5-(4'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 47);
- (Z)-5-(3'-methyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy--10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 48);
- (Z)-5-(4'-cyclohexylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 49);
- (Z)-5-(2'-chloro-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 51);
- (Z)-5-(3'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 52);
- (Z)-5-(3'-chloro-4'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 54);
- (Z)-5-(2',6'-difluoro-3'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 55);
- (Z)-5-(2'-chloro-3',6'-difluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 56);
- (Z)-5-(4'-methyl-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 58);

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(Z)-5-(2'-fluoro-4'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 59);

- (Z)-5-(2',3'-difluoro-4'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 60);
- (Z)-5-(2',3',5',6'-tetrafluoro-4'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 61);
- (Z)-5-(4'-vinylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 63);
- (Z)-5-(2'-Chloro-6'-fluoro-5'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 64);
- (Z)-5-(2'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 65);
- (Z)-5-(2'-trifluoromethylthiobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 66);
- (Z)-5-(3',4'-methylenedioxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 67);
- (Z)-5-(3'-chloro-2'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 68);
- (Z)-5-(4'-(4"-methylbenzyloxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 70);
- (Z)-5-(3',5'-di-tert-butylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 71);
- (Z)-5-(3'-(2",2"-difluoroethoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 72);
- (Z)-5-(2',5'-dimethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 73);
- (Z)-5-(3'-(3"-thienyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 74);
- (Z)-5-(2'-diethylaminocarbonylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 75);
- (Z)-5-(3'-(4",4",4"-trifluorobutoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 76);

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(Z)-5-(3'-(2",4"-difluorophenyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 77);

- (Z)-5-(3'-(3"-pyridyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 78);
- (Z)-5-(2'-(3"-formylphenyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 79);
- (Z)-5-(3',5'-dimethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 80);
- (Z)-5-(3',4'-dimethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 81);
- (Z)-5-(2'-(diethylamino)carbonyl-6'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 82);
- (Z)-5-(2'-(diethylamino)carbonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 83);
- (Z)-5-(2'-(methylbenzylamino)carbonyl-6'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 84);
- (Z)-5-(2'-(dimethylamino)carbonyl-5'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 85);
- (Z)-5-(3'-(2"-fluoroethoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 86);
- (Z)-5-(3'-(2",2",3",3"-tetrafluoropropoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 87);
- (Z)-5-(3'-(4"-fluorobenzyloxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 88);
- (Z)-5-(3'-(2"-fluorobenzyloxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 89);
- (Z)-5-(2'-(pyrrolidinecarbonyl)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 90);
- (Z)-5-(2'-(pyrrolidinecarbonyl)-5'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 91);
- (Z)-5-(2'-(dimethylaminocarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 92);

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(Z)-5-(2'-(pyrrolidinecarbonyl)-5'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 93);

- (Z)-5-(2'-(pyrrolidinecarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 94);
- (Z)-5-(3'-(4"-fluorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 95);
- (Z)-5-(2'-(morpholinocarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 96);
- (Z)-5-(8'-(6'-fluoro-benzo-1',3'-dioxan-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 97);
- (Z)-5-(2'-dimethylaminocarbonyl-3'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 98);
- (Z)-5-(2'-(4"-methylpiperazinecarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 99);
- (Z)-5-(2'-methyl-3'-phenylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 100);
- (Z)-5-(3',5'-di-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-flquinoline (compound 101);
- (Z)-5-(2'-(piperidinecarbonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 102);
- (Z)-5-(2'-dimethylaminosulphonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 103);
- (Z)-5-(3'-phenoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 104);
- (Z)-5-(2'-(ethylmethylamino)carbonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 105);
- (Z)-5-(2'-(cyclohexylmethylamino)carbonyl-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 106);
- (Z)-5-(2'-cyanobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 107);
- (Z)-5-(2',3',5',6'-tetrafluoro-4'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 108);

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(Z)-5-(3'-hydroxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 109);

- (Z)-5-(2'-(piperidinesulphonyl)-4'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 110);
- (Z)-5-(1'-naphthylmethylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 111);
- (Z)-5-(3'-methyl-4'-methoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-4-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 112);
- (Z)-5-(2',5'-dimethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 113);
- (Z)-5-(2',3'-methylenedioxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 114);
- (Z)-5-(2',3'-ethylenedioxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 115);
- (Z)-5-(4'-hydroxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 116);
- (Z)-5-(2'-cyano-3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 117);
- (Z)-5-(3'-chloro-2'-cyanobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 118);
- (Z)-5-(5'-bromo-2'-cyano-benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 119);
- (Z)-5-(8'-(6'-chloro-benzo-1',3'-dioxan-methylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 120);
- (Z)-5-(2'-chloro-3',4'-dimethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 121);
- (Z)-5-(2'-cyano-3'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 122);
- (Z)-5-(8'-(6'-methyl-benzo-1',3'-dioxan-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 123);
- (Z)-5-(2'-cyano-5'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 124);

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- (Z)-5-(8'-(5',6'-difluoro-benzo-1',3'-dioxan-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 125);
- (Z)-5-(3'-(3",5"-dichlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 126);
- (Z)-5-(3'-(4"-methoxyphenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 127);
- (Z)-5-(3'-(3",4"-dichlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 128);
- (Z)-5-(3'-(4"-methylphenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 129);
- (Z)-5-(3'-(4"-chlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 130); and
- (Z)-5-(3'-(3"-trifluoromethoxyphenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 131).
 - 109. (Withdrawn) The compound of claim 1 selected from among:
- (Z)-5-(2'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 12);
- (Z)-5-(3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 18);
- (Z)-5-(2'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 21);
- (Z)-5-(3'-trifluoromethylthiobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 27);
- (Z)-5-(2'-fluoro-3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 28);
- (Z)-5-(2'-fluoro-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 29);
- (Z)-5-(2',4',5'-trifluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 34);
- (Z)-5-(2'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 65);

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(Z)-5-(3'-(4"-fluorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 95);

- (Z)-5-(8'-(6'-fluoro-benzo-1',3'-dioxan-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 97);
- (Z)-5-(3'-phenoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 104);
- (Z)-5-(2'-cyanobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 107);
- (Z)-5-(3'-hydroxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 109);
- (Z)-5-(2',3'-methylenedioxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 114);
- (Z)-5-(2'-cyano-3'-methylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 117);
- (Z)-5-(3'-chloro-2'-cyanobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 118);
- (Z)-5-(8'-(6'-chloro-benzo-1',3'-dioxan-methylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 120); and
- (Z)-5-(2'-cyano-3'-fluorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 122).
 - 110. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2',5'-dichlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 14);
- (Z)-5-(4'-chlorobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 17);
- (Z)-5-(2'-bromobenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 21);
- (Z)-5-(3'-fluoro-5'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 33);
- (Z)-5-(3'-chloro-4'-trifluoromethoxybenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 54);

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(Z)-5-(4'-methyl-3'-trifluoromethylbenzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 58);

- (Z)-5-(3'-(3",5"-dichlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 126); and
- (Z)-5-(3'-(3",4"-dichlorophenoxy)benzylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 128).
 - 111. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(4'-(2"-fluorophenyl)-benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 148);
- (Z)-5-(3'-(2"-Fluorophenyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 149);
- (Z)-5-(2'-chloro-3'-methylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 150);
- (Z)-5-(3'-Methyl-2'-(pyrrolidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 154);
- (Z)-5-(3'-Bromo-2'-(pyrrolidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 155);
- (Z)-5-(3'-Chloro-2'-(pyrrolidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 156);
- (Z)-5-(2'-(Piperidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 158);
- (Z)-5-(2'-Hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 159);
- (Z)-5-(2'-Fluoro-3'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 161);
- (Z)-5-(4'-Fluoro-2'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 162);
- (Z)-5-(3'-Bromo-2'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 163);
- (Z)-5-(5'-Bromo-2'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 164);

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(Z)-5-(2'-(Diethylaminomethyl)-4'-fluorobenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 167);

- (Z)-5-(4'-Fluoro-2'-acetylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 173);
- (Z)-5-(4'-Fluoro-(E)-2'-(hydroxyiminomethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 191);
- (Z)-5-((E)-2'-(Hydroxyiminomethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 192);
- (Z)-5-(4'-Fluoro-2'-(methoxymethoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 197);
- (Z)-5-(2'-(Methoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 198);
- (±)-(Z)-5-(4'-Fluoro-2'-(2",2",2"-trifluoro-1"-hydroxyethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 206);
- (\pm)-(Z)-5-(2'-(3'-(Hydroxythien-3"-ylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 207);
- (±)-(Z)-5-(2'-(3'-((4"-Fluorophenyl)hydroxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 208);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxyallyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 209);
- (±)-(Z)-5-(2'-(3'-(Cyclohexylhydroxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 210);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxy-2"-phenylethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 211);
- (\pm)-(Z)-5-(2'-(3'-(Hydroxythien-2"-ylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 212);
- (Z)-5-(2'-(3'-Acryloylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 213);
- (Z)-5-(2'-(3'-(4"-Fluorobenzoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 214);
- (Z)-5-(2'-(3'-(Thien-3"-ylcarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 215);

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(Z)-5-(2'-(3'-(Cyclohexanecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 216);

- (Z)-5-(2'-(3'-(But-3"-enoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 217);
- (Z)-5-(2'-(3'-(Aminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 218);
- (Z)-5-(2'-(3'-(Phenylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 219);
- (Z)-5-(2'-(3'-(Prop-2"-ynylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 220);
- (Z)-5-(2'-(3'-((2",2",2"-Trifluoroethylamino)methyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 221);
- (Z)-5-(2'-(3'-(Cyclopropylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 222);
- (Z)-5-(2'-(3'-(1"-Butylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 223);
- (Z)-5-(2'-(3'-(2"-Hydroxyethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 224);
- (Z)-5-(2'-(3'-Isopropenylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 225);
- (Z)-5-(2'-(3'-Formylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 226);
- (Z)-5-(2'-(3'-(Methoxyethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 227);
- (Z)-5-(2'-(3'-(Trifluoroacetyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 228);
- (Z)-5-(2'-(3'-(2",2",2"-Trifluoro-1"-hydroxy-1"-(trifluoromethyl)ethyl)-thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 229);
- (Z)-5-(4'-Fluoro-2'-formylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 230);

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(Z)-5-(4'-Fluoro-2'-vinylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 233);

- (Z)-5-(4'-Fluoro-2'-(acetoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 234);
- (Z)-5-(2'-Formylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 235); and
- (Z)-5-(2'-Vinylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 236).
 - 112. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2'-Hydroxymethyl-benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 159);
- (Z)-5-(2'-Fluoro-3'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 161);
- (Z)-5-(2'-(Methoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 198);
- (\pm) -(Z)-5-(4'-Fluoro-2'-(2'',2'',2''-trifluoro-1"-hydroxyethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 206); and
- (Z)-5-(4'-Fluoro-2'-vinylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 233).
 - 113. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2'-chloro-3'-methylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 150);
- (Z)-5-(3'-Chloro-2'-(pyrrolidinecarbonyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 156);
- (Z)-5-(5'-Bromo-2'-hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 164); and
- (Z)-5-(4'-Fluoro-2'-(methoxymethoxymethyl)benzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 197).
 - 114. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2'-(6'-methyl-pyridinylmethylidiene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 42);

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(Z)-5-(2'-(3'-(dimethylaminocarbonyl)furanylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 62);

- (Z)-5-(2'-(3'-(dimethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 132);
- (Z)-5-(2'-(3'-(ethylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 134);
- (Z)-5-(2'-(3'-(morpholinocarbonyl)thienylmethylidene)-1,2-dihydro-9-hydroxy-10methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 135);
- (Z)-5-(2'-(3'-(cyclohexylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 136);
- (Z)-5-(2'-(3'-(pyrrolidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 137);
- (Z)-5-(2'-(3'-(di(methoxyethyl)aminocarbonyl)thienylmethylidene)-1,2-dihydro-9hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 138);
- (Z)-5-(2'-(3'-(allylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 139);
- (Z)-5-(2'-(3'-(piperidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 140);
- (Z)-5-(2'-(3'-piperidinecarbonyl-4"-(1,3-dioxan)thienylmethylidene)-1,2-dihydro-9hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 141);
- (Z)-5-(2'-(5'-(diethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 142);
- (Z)-5-(2'-(5'-(pyrrolidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 143);
- (Z)-5-(2'-(5'-(2"-methylpyrrolidinocarbonyl)thienylmethylidene))-1,2-dihydro-9hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 144);
- (Z)-5-(2'-(5'-(morpholinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-f]quinoline (compound 145);
- (Z)-5-(2'-(3'-dimethylaminocarbonyl-5'-methylfuranylmethylidene))-1,2-dihydro-9hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 146); and
- (Z)-5-(2'-(3'-cyclohexylmethylaminocarbonyl-5'-methylfuranyl-methylidene))-1,2dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 147).

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115. (Withdrawn) The compound of claim 1, selected from among:

- (Z)-5-(2'-(5'-Methyl-3'-(piperidinecarbonyl)furanylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 151);
- (Z)-5-(2'-(5'-Methyl-3'-(piperidinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 152);
- (Z)-5-(2'-(3'-Diethylcarbamoyl-1',5'-dimethyl-1'H-pyrrolylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 153);
- (Z)-5-(2'-(3'-Hydroxymethylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 157);
- (Z)-5-(2'-(3'-(Hydroxymethyl)-5'-methylfuranylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 160);
- (Z)-5-(2'-(3'-(Piperidinylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 165);
- (Z)-5-(2'-(3'-(Dimethylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 166);
- (Z)-5-(2'-(3'-Acetylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 168);
- (Z)-5-(2'-(3'-(1"-Hydroxy-1"-methylethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 169);
- (Z)-5-(2'-(3'-Benzoylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 170);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxyethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 171);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxy-1"-phenylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 172);
- (Z)-5-(2'-(3'-((E)-1"-Hydroxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 174);
- (Z)-5-(2'-(3'-((Z)-1"-Hydroxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 175);
- (Z)-5-(2'-(3'-((E)-1"-Methoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 176);

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(Z)-5-(2'-(3'-((Z)-1"-Methoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 177);

- (Z)-5-(2'-(3'-((E)-1"-Allyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 178);
- (Z)-5-(2'-(3'-((Z)-1"-Allyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 179);
- (Z)-5-(2'-(3'-((E)-1"-Phenoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 180);
- (Z)-5-(2'-(3'-((Z)-1"-Phenoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 181);
- (Z)-5-(2'-(3'-((E)-1"-Ethoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 182);
- (Z)-5-(2'-(3'-((Z)-1"-Ethoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 183);
- (Z)-5-(2'-(3'-((E)-(Carboxymethoxy)iminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 184);
- (Z)-5-(2'-(3'-((E)-1"-tert-Butoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 185);
- (Z)-5-(2'-(3'-((E)-1"-Benzyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 186);
- (Z)-5-(2'-(3'-((Z)-1"-Benzyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 187);
- (Z)-5-(2'-(3'-((E)-1"-(p-Nitrobenzyloxy)iminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 188);
- (Z)-5-(2'-(3'-((Z)-1"-(p-Nitrobenzyloxy)iminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 189);
- (Z)-5-(2'-(3'-((E)-Hydroxyiminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 190);
- (Z)-5-(2'-(3'-Methoxymethylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 193);
- (Z)-5-(2'-(3'-(Methoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 194);

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(Z)-5-(2'-(3'-(Prop-2"-enyloxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 195);

- (Z)-5-(2'-(3'-(Prop-2"-ynloxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 196);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxybut-3"-enyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 199);
- (+)-(Z)-5-(2'-(3'-(1"-Hydroxybut-3"-enyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 200);
- (-)-(Z)-5-(2'-(3'-(1"-Hydroxybut-3"-enyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 201);
- (\pm)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 202);
- (+)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 203);
- (-)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 204);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxyprop-2"-ynyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 205);
- (\pm)-(Z)-5-(2'-(3'-(Hydroxythien-3"-ylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 207);
- (\pm) -(Z)-5-(2'-(3'-((4''-Fluorophenyl)hydroxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 208);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxyallyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 209);
- (\pm)-(Z)-5-(2'-(3'-(Cyclohexylhydroxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 210);
- (\pm)-(Z)-5-(2'-(3'-(1"-Hydroxy-2"-phenylethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 211);
- (\pm)-(Z)-5-(2'-(3'-(Hydroxythien-2"-ylmethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 212);
- (Z)-5-(2'-(3'-Acryloylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 213);

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(Z)-5-(2'-(3'-(4"-Fluorobenzoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 214);

- (Z)-5-(2'-(3'-(Thien-3"-ylcarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 215);
- (Z)-5-(2'-(3'-(Cyclohexanecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 216);
- (Z)-5-(2'-(3'-(But-3"-enoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 217);
- (Z)-5-(2'-(3'-(Aminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 218);
- (Z)-5-(2'-(3'-(Phenylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 219);
- (Z)-5-(2'-(3'-(Prop-2"-ynylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 220);
- (Z)-5-(2'-(3'-((2",2",2"-Trifluoroethylamino)methyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 221);
- (Z)-5-(2'-(3'-(Cyclopropylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 222);
- (Z)-5-(2'-(3'-(1"-Butylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 223);
- (Z)-5-(2'-(3'-(2"-Hydroxyethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 224);
- (Z)-5-(2'-(3'-Isopropenylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 225);
- (Z)-5-(2'-(3'-Formylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 226);
- (Z)-5-(2'-(3'-(Methoxyethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 227);
- (Z)-5-(2'-(3'-(Trifluoroacetyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 228);

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(*Z*)-5-(2'-(3'-(2",2",2"-Trifluoro-1"-hydroxy-1"-(trifluoromethyl)ethyl)-thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 229);

- (Z)-5-(2'-(3'-(But-2"-ynloxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 237);
- (Z)-5-(2'-(3'-(2"-(E)-Cyanovinyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 238);
- (Z)-5-(2'-(3'-(Ethoxycarbonylmethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 239);
- (Z)-5-(2'-(3'-(Carboxymethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 240);
- (Z)-5-(2'-(3'-Vinylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 241);
- (\pm) -(Z)-5-(2'-(3'-(1''-Methoxy-2'',2''-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5H-chromeno[3,4-f]quinoline (compound 242);
- (Z)-5-(2'-(3'-(2",2",2"-Trifluoro-1"-methoxy-1"-(trifluoromethyl)ethyl)-thienyl-methylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 243);
- (Z)-5-(4'-Hydroxymethylbenzylidene)1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 244);
- (Z)-5-(2'-(3'-(1"-Hydroxy-1"-(thien-3"'-yl)ethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 245);
- (Z)-5-(2'-(3'-(2"-Methoxycarbonylvinyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 246);
- (Z)-5-(2'-(3'-Hydroxymethylpyridinylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 247);
- (Z)-5-(2'-(3'-(Hydroxyethylcarbamoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 248);
- (Z)-5-(2'-(3'-Ethylcarbamoylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 249);
- (Z)-5-(2'-(3'-((R)-2"-(Carbomethoxy)pyrrolidinecarbonyl)thienyl-methylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 250);

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(Z)-5-(2'-(3'-(Piperazinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 251);

- (Z)-5-(2'-(3'-(4"-Oxo-piperidinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 252);
- (Z)-5-(2'-(3'-(2",2",2"-Trifluoroethylcarbamoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 253);
- (Z)-5-(2'-(3'-(4"-Hydroxypiperidinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 254);
- (Z)-5-(2'-(3'-(4"-Methylpiperazinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 256);
- (\pm)-(Z)-5-(2'-(3'-(1"-Hydroxy-4",4",4"-trifluorobut-2"-ynyl)thienyl-methylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno-[3,4-*f*]quinoline (compound 257);
- (Z)-5-(2'-(3'-(3"-Hydroxy-3"-phenylpropanoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 258);
- (Z)-5-(2'-(3'-(3"-Hydroxybutanoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 259); and
- (Z)-5-(2'-(3'-(But-2"-enoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 260).
 - 116. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2'-(3'-(dimethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 132);
- (Z)-5-(2'-(3'-(pyrrolidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 137); and
- (Z)-5-(2'-(3'-(piperidinocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 140).
 - 117. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2'-(6'-methyl-pyridinylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 42);
- (Z)-5-(2'-(3'-(dimethylaminocarbonyl)furanylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 62);

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(Z)-5-(2'-(3'-(morpholinocarbonyl)thienylmethylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 135);

- (Z)-5-(2'-(3'-(cyclohexylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 136);
- (Z)-5-(2'-(3'-(di(methoxyethyl)aminocarbonyl)thienylmethylidene)-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 138);
- (Z)-5-(2'-(3'-(allylmethylaminocarbonyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 139);
- (Z)-5-(2'-(3'-dimethylaminocarbonyl-5'-methylfuranylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 146); and
- (Z)-5-(2'-(3'-cyclohexylmethylaminocarbonyl-5'-methylfuranyl-methylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 147).
 - 118. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2'-(3'-Hydroxymethylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 157);
- (Z)-5-(2'-(3'-Acetylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 168);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxyethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 171);
- (Z)-5-(2'-(3'-((E)-1"-Hydroxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 174);
- (Z)-5-(2'-(3'-((Z)-1"-Hydroxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 175);
- (Z)-5-(2'-(3'-((E)-1"-Methoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 176);
- (Z)-5-(2'-(3'-((Z)-1"-Methoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 177);
- (Z)-5-(2'-(3'-((E)-1"-Allyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 178);
- (Z)-5-(2'-(3'-((Z)-1"-Allyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 179);

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(Z)-5-(2'-(3'-((E)-1"-Phenoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 180);

- (Z)-5-(2'-(3'-((Z)-1"-Phenoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 181);
- (Z)-5-(2'-(3'-((E)-1"-Ethoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 182);
- (Z)-5-(2'-(3'-((Z)-1"-Ethoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 183);
- (Z)-5-(2'-(3'-((E)-1"-tert-Butoxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 185);
- (Z)-5-(2'-(3'-((E)-1"-Benzyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 186);
- (Z)-5-(2'-(3'-((Z)-1"-Benzyloxyiminoethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 187);
- (Z)-5-(2'-(3'-((E)-Hydroxyiminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 190);
- (Z)-5-(2'-(3'-Methoxymethylthienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 193);
- (Z)-5-(2'-(3'-(Methoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 194);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 202);
- (+)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 203);
- (-)-(Z)-5-(2'-(3'-(1"-Hydroxy-2",2",2"-trifluoroethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 204);
- (Z)-5-(2'-(3'-(Cyclohexanecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 216);
- (Z)-5-(2'-(3'-(Prop-2"-ynylaminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 220);
- (Z)-5-(2'-(3'-((2",2",2"-Trifluoroethylamino)methyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 221);

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(Z)-5-(2'-(3'-(2"-Hydroxyethoxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 224);

- (Z)-5-(2'-(3'-(2"-(E)-Cyanovinyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 238);
- (±)-(Z)-5-(2'-(3'-(1"-Methoxy-2",2",2"-trifluoroethyl)thienylmethylidene))-1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 242);
- (Z)-5-(2'-(3'-(4"-Oxo-piperidinecarbonyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 252); and
- (Z)-5-(2'-(3'-(2",2",2"-Trifluoroethylcarbamoyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 253).
 - 119. (Withdrawn) The compound of claim 1, selected from among:
- (Z)-5-(2'-(3'-(Prop-2"-ynloxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 196);
- (-)-(Z)-5-(2'-(3'-(1"-Hydroxybut-3"-enyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 201);
- (±)-(Z)-5-(2'-(3'-(Cyclohexylhydroxymethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 210);
- (±)-(Z)-5-(2'-(3'-(1"-Hydroxy-2"-phenylethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 211);
- (Z)-5-(2'-(3'-(Aminomethyl)thienylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 218);
- (*Z*)-5-(2'-(3'-(2",2",2"-Trifluoro-1"-hydroxy-1"-(trifluoromethyl)ethyl)-thienyl-methylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]-quinoline (compound 229); and
- (Z)-5-(2'-(3'-Hydroxymethylpyridinylmethylidene))1,2-dihydro-9-hydroxy-10-methoxy-2,2,4-trimethyl-5*H*-chromeno[3,4-*f*]quinoline (compound 247).
 - 120. (Previously presented) A pharmaceutical composition, comprising: a compound of claim 1; and a pharmaceutically acceptable carrier.
 - 121. (Currently amended) An article of manufacture, comprising: a packaging material;

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a compound of claim 1 or pharmaceutically acceptable derivative salt, ester, enol ether, enol ester, solvate or hydrate thereof that is effective for modulating the activity of gluco-corticoid receptor, or for treatment, prevention or amelioration of one or more symptoms of glucocorticoid receptor mediated diseases or disorders, or diseases or disorders in which glucocorticoid receptor activity is implicated, within the packaging material; and

a label that indicates that the compound or pharmaceutically acceptable derivative salt, ester, enol ether, enol ester, solvate or hydrate thereof is used for modulating the activity of glucocorticoid receptor or for treatment, prevention or amelioration of one or more symptoms of glucocorticoid receptor mediated diseases or disorders, or diseases or disorders in which glucocorticoid receptor activity is implicated.

- 122. (Previously presented) A method of treating, preventing, or ameliorating the symptoms or manifestation of a disease or disorder that is modulated by or otherwise affected by glucocorticoid receptor activity or in which glucocorticoid receptor activity is implicated, comprising administering to a subject in need thereof an effective amount of a compound of claim 1, wherein the amount is effective to treat, prevent or ameliorate the symptoms or manifestation of the disease or disorder.
 - 123. (Original) The method of claim 122 wherein the glucocorticoid receptor is in a cell.
- 124. (Previously presented) The method of claim 122, wherein the disease or disorder is selected from among inflammatory disease, transplant rejection, psoriasis, dermatitis, autoimmune disorders, malignancies, acute adrenal insufficiency, congenital adrenal hyperplasia, rheumatic fever, granulomatous disease, immune proliferation/apoptosis, HPA axis suppression and regulation, hypercortisolemia, Th1/Th2 cytokine related disorders, chronic kidney disease, stroke and spinal cord injury, hypercalcemia, hyperglycemia, cerebral edema, thrombocytopenia, Little's syndrome, Addison's disease, cystic fibrosis, myasthenia gravis, autoimmune hemolytic anemia, uveitis, pemphigus vulgaris, multiple sclerosis, nasal polyps, sepsis, infectious disease, type II diabetes, obesity, metabolic syndrome, depression, schizophrenia, mood disorders, Cushing's syndrome, anxiety, sleep disorders, memory and learning enhancement, and glaucoma.
- 125. (Previously presented) The method of claim 124, wherein the inflammatory disease is selected from among rheumatoid arthritis, asthma, lupus, osteoarthritis, rhinosinusitis, inflammatory bowel disease, polyarteritis nodosa, Wegener's granulomatosis, giant cell arteritis, allergic rhinitis, urticaria, hereditary angioedema, chronic obstructive pulmonary disease, tendonitis, bursitis, autoimmune chronic active hepatitis and cirrhosis.

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126. (Previously presented) The compound of claim 1, wherein the compound is a selective glucocorticoid receptor modulator.

- 127. (Withdrawn) The compound of claim 1 that is a selective glucocorticoid receptor agonist.
- 128. (Withdrawn) The compound of claim 1 that is a selective glucocorticoid receptor antagonist. we said it read on the species
- 129. (Withdrawn) The compound of any claim 1 that is a selective glucocorticoid receptor partial agonist.
- 130. (Previously presented) The compound of claim 1, wherein the compound is a selective glucocorticoid receptor modulator that is a tissue-specific modulator.
 - 131. (Previously presented) A selective glucocorticoid binding compound of claim 1.
- 132. (Withdrawn) A method for identifying a compound that modulates an activity of a glucocorticoid receptor, comprising:

contacting a cell expressing a glucocorticoid receptor with one or more compound(s) of claim 1; and

monitoring an effect of the compound upon the cell, whereby a compound that modulates an activity of a glucocorticoid receptor is identified.

- 133. (Withdrawn) The method of claim 132, wherein the cell is contacted with a glucocorticoid receptor agonist prior to or simultaneously with the compound, and the compound is a glucocorticoid receptor antagonist.
- 134. (Withdrawn) A method of treating an individual having a disease or disorder that is modulated by glucocorticoid receptor, comprising:

administering to the individual a pharmaceutically effective amount of a compound of claim 1,

wherein the amount is effective to modulate the activity of the glucocorticoid receptor and thereby treat the disease or disorder.

135. (Withdrawn) The method of claim 134, wherein the disease or disorder is selected from among inflammatory disease, transplant rejection, psoriasis, dermatitis, autoimmune disorders, malignancies, acute adrenal insufficiency, congenital adrenal hyperplasia, rheumatic fever, granulomatous disease, immune proliferation/apoptosis, HPA axis suppression and regulation, hypercortisolemia, Th1/Th2 cytokine related disorders, chronic kidney disease, stroke and spinal cord injury, hypercalcemia, hyperglycemia, cerebral

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edema, thrombocytopenia, Little's syndrome, Addison's disease, cystic fibrosis, myasthenia gravis, autoimmune hemolytic anemia, uveitis, pemphigus vulgaris, multiple sclerosis, nasal polyps, sepsis, infectious disease, type II diabetes, obesity, metabolic syndrome, depression, schizophrenia, mood disorders, Cushing's syndrome, anxiety, sleep disorders, memory and learning enhancement, and glaucoma.

136. (Withdrawn) The method of claim 135, wherein the inflammatory disease is selected from among rheumatoid arthritis, asthma, lupus, osteoarthritis, rhinosinusitis, inflammatory bowel disease, polyarteritis nodosa, Wegener's granulomatosis, giant cell arteritis, allergic rhinitis, urticaria, hereditary angioedema, chronic obstructive pulmonary disease, tendonitis, bursitis, autoimmune chronic active hepatitis and cirrhosis.

137. (Cancelled).

138. (Previously presented) The compound of claim 1, wherein:

R₁ is Formula II;

 R_2 is F;

R₃ is methyl; and

each of R₄, R₅ and R₆ is hydrogen.